

B 1212 US

**DECLARATION AND POWER OF ATTORNEY  
UNDER 35 USC §371(c)(4) FOR  
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that:  
my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: Needleless injection device comprising means for regulating the gas pressure level in the combustion chamber

described and claimed in international application number PCTFR0400659 filed MARCH 18, 2004.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed by me or my legal representatives or assigns within one year prior to my international application are hereby claimed:

FRENCH Patent Application No 03 03496 FILED MARCH 21, 2003

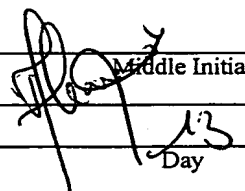
The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Richard E. Rice, Reg. No. 31,560; and Paul Tsou, Reg. No. 37,956.

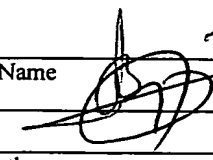
ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

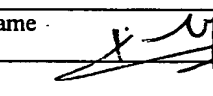
I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	<b>Typewritten Full Name of Sole or First Inventor</b>	Patrick		ALEXANDRE
		Given Name	Middle Initial	Family Name
2	<b>Inventor's Signature:</b>			
3	<b>Date of Signature:</b>	06	13	2005
		Month	Day	Year
	<b>Residence:</b>	GRAY		FRANCE
		City	State or Province	Country
	<b>Citizenship:</b>	FRENCH		
	<b>Post Office Address: (Insert complete mailing address, including country)</b>	14 avenue de la Libération		
		70100 GRAY - FRANCE		

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒  
(Discard this page in a sole inventor application)

1 **Typewritten Full Name of Joint Inventor** Bernard BROQUIERES  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:**   
 3 **Date of Signature:** 06 28 2005  
 Month Day Year  
 Residence: TOULON FRANCE  
 City State or Province Country  
 Citizenship: FRENCH  
 Post Office Address: 4 rue Sandin  
 (Insert complete mailing address, including country) 83100 TOULON - FRANCE

1 **Typewritten Full Name of Joint Inventor** David DESAILLY  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:**   
 3 **Date of Signature:** 07 06 2005  
 Month Day Year  
 Residence: VERT LE PETIT FRANCE  
 City State or Province Country  
 Citizenship: FRENCH  
 Post Office Address: 6 avenue du Maréchal Liautey  
 (Insert complete mailing address, including country) 91710 VERT LE PETIT - FRANCE

1 **Typewritten Full Name of Joint Inventor**  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:**  
 3 **Date of Signature:**  
 Month Day Year  
 Residence:  
 City State or Province Country  
 Citizenship:  
 Post Office Address:  
 (Insert complete mailing address, including country)

1 **Typewritten Full Name of Joint Inventor**  
 Given Name Middle Initial Family Name  
 2 **Inventor's Signature:**  
 3 **Date of Signature:**  
 Month Day Year  
 Residence:  
 City State or Province Country  
 Citizenship:  
 Post Office Address:  
 (Insert complete mailing address, including country)

**Note to Inventor:** Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**DESIGNATION OF TEN ATTORNEYS  
FOR POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

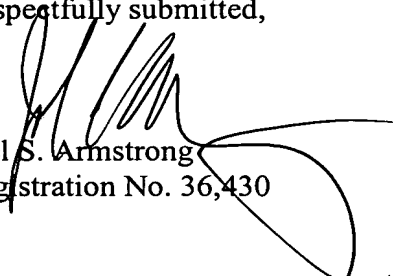
Sir:

This serves as a separate paper in compliance with 37 CFR §1.32(b) indicating that the following ten patent practitioners named in the attached power of attorney are to be recognized by the Patent Office as being of record in the application to which the attached power of attorney is directed:

**James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Thomas J. Pardini, Reg. No. 30,411; Edward P. Walker, Reg. No. 31,450;  
Robert A. Miller, Reg. No. 32,771; Mario A. Costantino, Reg. No. 33,565;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Paul Tsou, Reg. No. 37,956; and Kirk M. Hudson, Reg. No. 27,562.**

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION  
SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944,  
TELEPHONE (703) 836-6400.**

Respectfully submitted,

  
Joel S. Armstrong  
Registration No. 36,430

JSA/crh

Date: September 12, 2005

**Cadre n° VIII.iv) DÉCLARATION : QUALITÉ D'INVENTEUR**  
(seulement aux fins de la désignation des États-Unis d'Amérique)

*La déclaration doit être conforme au libellé standard suivant prévu à l'instruction 214; voir les notes relatives aux cadres n° VIII, VIII.i) à v) (généralités) et les notes spécifiques au cadre n° VIII.iv). Si ce cadre n'est pas utilisé, cette feuille ne doit pas être incluse dans la requête.*

**Déclaration relative à la qualité d'inventeur (règles 4.17.iv) et 51bis.1.a)iv))**  
aux fins de la désignation des États-Unis d'Amérique :

Par la présente, je déclare que je crois être le premier inventeur original et unique (si un seul inventeur est mentionné ci-dessous) ou l'un des premiers co-inventeurs (si plusieurs inventeurs sont mentionnés ci-dessous) de l'objet revendiqué pour lequel un brevet est demandé.

La présente déclaration a trait à la demande internationale dont elle fait partie (si la déclaration est déposée avec la demande).

La présente déclaration a trait à la demande internationale n° PCT/..... (si la déclaration est remise en vertu de la règle 26ter).

Par la présente, je déclare que mon domicile, mon adresse postale et ma nationalité sont tels qu'indiqués près de mon nom.

Par la présente, je déclare avoir passé en revue et comprendre le contenu de la demande internationale à laquelle il est fait référence ci-dessus, y compris les revendications de ladite demande. J'ai indiqué dans la requête de ladite demande, conformément à la règle 4.10 du PCT, toute revendication de priorité d'une demande étrangère et j'ai identifié ci-dessous, sous l'intitulé "Demandes antérieures", au moyen du numéro de demande, du pays ou du membre de l'Organisation mondiale du commerce, du jour, du mois et de l'année du dépôt, toute demande de brevet ou de certificat d'auteur d'invention déposée dans un pays autre que les États-Unis d'Amérique, y compris toute demande internationale selon le PCT désignant au moins un pays autre que les États-Unis d'Amérique, dont la date de dépôt est antérieure à celle de la demande étrangère dont la priorité est revendiquée.

Demandes antérieures : FR .0303496 du 21/03/2003.....

Par la présente, je reconnais l'obligation qui m'est faite de divulguer les renseignements dont j'ai connaissance et qui sont pertinents quant à la brevetabilité de l'invention, tels qu'ils sont définis dans le Titre 37, § 1.56, du Code fédéral des réglementations, y compris, en ce qui concerne les demandes de continuation-in-part les renseignements pertinents qui sont devenus accessibles entre la date de dépôt de la demande antérieure et la date du dépôt international de la demande de continuation-in-part.

Je déclare par la présente que toute déclaration ci-incluse est, à ma connaissance, véridique et que toute déclaration formulée à partir de renseignements ou de suppositions est tenue pour véridique; et de plus, que toutes ces déclarations ont été formulées en sachant que toute fausse déclaration volontaire ou son équivalent est passible d'une amende ou d'une incarcération, ou des deux, en vertu de la Section 1001 du Titre 18 du Code des États-Unis, et que de telles déclarations volontairement fausses risquent de compromettre la validité de la demande de brevet ou du brevet délivré à partir de celle-ci.

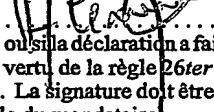
Nom : ALEXANDRE Patrick

Domicile : 70100 GRAY - FRANCE

(ville et État (des États-Unis d'Amérique), le cas échéant, ou pays)

Adresse postale : 14 avenue de la Libération

Nationalité : FRANCAISE

Signature de l'inventeur :   
(si elle ne figure pas dans la requête, ou si la déclaration a fait l'objet de corrections ou d'adjonctions en vertu de la règle 26ter après le dépôt de la demande internationale. La signature doit être celle de l'inventeur, il ne peut s'agir de celle du mandataire)

Date : 11 Février 2004  
(de la signature qui ne figure pas dans la requête, ou de la déclaration qui a fait l'objet de corrections ou d'adjonctions en vertu de la règle 26ter après le dépôt de la demande internationale)

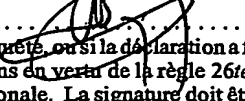
Nom : BROUQUIERES Bernard

Domicile : 83100 TOULON - FRANCE

(ville et État (des États-Unis d'Amérique), le cas échéant, ou pays)

Adresse postale : 4 rue Sandin

Nationalité : FRANCAISE

Signature de l'inventeur :   
(si elle ne figure pas dans la requête, ou si la déclaration a fait l'objet de corrections ou d'adjonctions en vertu de la règle 26ter après le dépôt de la demande internationale. La signature doit être celle de l'inventeur, il ne peut s'agir de celle du mandataire)

Date : 26 Février 2004  
(de la signature qui ne figure pas dans la requête, ou de la déclaration qui a fait l'objet de corrections ou d'adjonctions en vertu de la règle 26ter après le dépôt de la demande internationale)

☒ Cette déclaration continue sur la feuille suivante, "Suite du cadre n° VIII.iv)".

Feuille n° ...5...

**Suite du Cadre n° VIII.i) à v) DÉCLARATION**

*Si l'un des cadres n° VIII.i) à v) ne suffit pas à contenir tous les renseignements, y compris dans le cas où plus de deux inventeurs doivent être nommés dans le cadre n° VIII.iv), dans ce cas, indiquer "Suite du cadre n° VIII ..." (compléter le numéro du cadre en précisant le point) et fournir les renseignements conformément aux instructions données dans le cadre dans lequel la place était insuffisante. Si on a besoin de place supplémentaire dans deux ou plusieurs cadres, il faut utiliser le cadre "Suite" du cadre correspondant pour continuer chacune des déclarations. Si le présent cadre n'est pas utilisé, cette feuille ne doit pas être incluse dans la requête.*

**Suite du cadre VIII.iv - DECLARATION : QUALITE D'INVENTEUR**  
(seulement aux fins de la désignation des Etats-Unis d'Amérique)

Demande antérieure : FR 0303496 du 21/03/2003

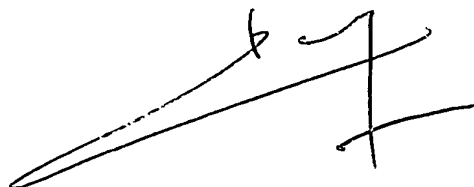
Inventeur : DESAILLY David  
91710 VERT LE PETIT - FRANCE  
6 avenue du Maréchal Liautey

Nationalité : FRANCAISE

Date :

19 mars 2004

Signature de l'inventeur :



A/D 581-40

10/547997

JC20 Rec'd PCT/PTO 12 SEP 2005

Mail Stop:  
Assignment Recordation Services  
Director of the U.S. Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No. 125042

Please record the attached original document or copy thereof.

1. A. Name of conveying parties:

1) Patrick ALEXANDRE  
2) Bernard BROUQUIERES  
3) David DESAILLY

B. Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. A. Name and address of receiving party:

CROSSJECT  
12 QUAI HENRI IV-75004  
PARIS FRANCE

3. A. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: 1: June 13, 2005;

2: June 28, 2005; 3) July 6, 2005

B. Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. ☒ This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: NEEDLELESS INJECTION DEVICE COMPRISING MEANS FOR REGULATING THE GAS PRESSURE LEVEL IN THE COMBUSTION CHAMBER

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William P. Berridge

Address: OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, VA 22320

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 170727)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

William P. Berridge Registration No. 30,024  
Joel S. Armstrong Registration No. 36,430

Date: September 12, 2005

Total number of pages including cover sheet, attachments, and document: 2.

# ASSIGNMENT

B 1212 US

(1-8) Insert Name(s) of Inventor(s)

(1) Patrick ALEXANDRE (5) \_\_\_\_\_  
 (2) Bernard BROUQUIERES (6) \_\_\_\_\_  
 (3) David DESAILLY (7) \_\_\_\_\_  
 (4) \_\_\_\_\_ (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee  
 (10) Insert Address of Assignee

(9) CROSSJECT  
 (10) 12 Quai Henri IV - 75004 PARIS - FRANCE

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number

(11) NEEDLELESS INJECTION DEVICE COMPRISING MEANS FOR REGULATING THE GAS PRESSURE LEVEL IN THE COMBUSTION CHAMBER

(Attorney Docket No. \_\_\_\_\_ )

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application

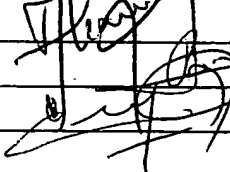
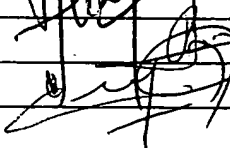
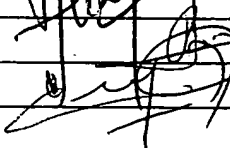
(12) on \_\_\_\_\_

(13) Alternative Identification for filed applications

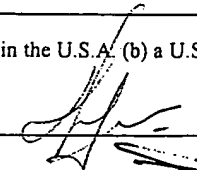
(13) U.S. application Serial Number \_\_\_\_\_  
 filed \_\_\_\_\_

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Director of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date	June 13 2005	Inventor Signature		(SEAL)
Date	June 28 2005	Inventor Signature		(SEAL)
Date	July 06 2005	Inventor Signature		(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	June 16 2005	Witness	
Date	August 03 2005	Witness	_____